

REMARKS/ARGUMENTS

Claims 1-20 stand rejected under 35 U.S.C. 102(e) as being anticipated by Nishihara; and claims 21 and 22 stand rejected under 35 U.S.C. 102(e) as being anticipated by Nishihara.

The examiner is reminded that for a 35 U.S.C. 102(e) rejection to be valid each and every element of the claim must be found in the reference. It is not enough to make a vague reference to what might or might not be well known. The examiner refers to substrates and wells in the Nishihara patent in the action dated Nov. 4, 2003. The limitations of claim 1 refer to the doping concentrations of the first and second gate. These are unrelated elements and the current claims of the instant invention are allowable over the cited art.

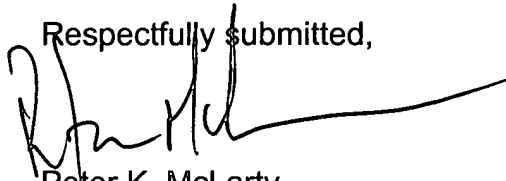
In particular, claims 1 and 17, and 20 of the instant invention comprises the limitations of the fourth doped region and the third doped region being of the same conductivity type as the first and second doped regions as well as the steps of forming the first gate and the second gate comprise forming the first gate to comprise a first dopant concentration and forming the second gate to comprise a second dopant concentration different from the first dopant concentration. In rejecting claim 1 the examiner refers to the Nishihara patent and in particular to regions 14 in Figures 1-7 as being equivalent to the first and second doped region and region 13 on the left side as being equivalent to the third and fourth doped region. The examiner is referred to page 5, paragraph [0079], where the formation of these regions is described. Region 13 is described as p+ and region 14 is described as n+. These are different conductivity types and do not fall within the limitation of claim 1. In addition all the 8n gate regions have the same doping and all the 8p have the same doping. The different gate doping requirement of claim 1 is not found in the cited art. Claims 1, 17 and 20 are allowable over the cited art. In addition claims 2-16, 18-20, and 21-22 depend on claims 1, 17 and 20 respectively and contain the limitations of these claims. Therefore claims 2-16, 18-20, and 21-22 are also allowable over the cited art.

In light of the above, it is respectfully submitted that the present application is in condition for allowance, and notice to that effect is respectfully requested.

While it is believed that the instant amendment places the application in condition for allowance, should the Examiner have any further comments or suggestions, it is respectfully requested that the Examiner contact the undersigned in order to expeditiously resolve any outstanding issues.

To the extent necessary, Applicants petition for an Extension of Time under 37 CFR 1.136. Please charge any fees in connection with the filing of this paper, including extension of time fees, to the deposit account of Texas Instruments Incorporated, Account No. 20-0668.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Peter K. McLarty', with a long horizontal flourish extending to the right.

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